

## Product datasheet for MR203738

### Asb13 (NM\_080857) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Asb13 (NM\_080857) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Asb13  
 Synonyms: 2210015B19Rik; 6430573K02Rik; Asb-13; C85285  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >MR203738 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGAGCCGCGCCGGGGACGGCTGCTTCTGGGAGATGTGGGTTTCTGGGTGGAGCGCACGCCCGTTC  
 ATGAGGCGGCTCAGCGGGGTGAGAGCCTCCAGCTTCAGCAGCTGATTGACAGTGGAGCATGTGTTAACCA  
 GGTCACCTGTGGACTCGATCACACCCTTCATGCAGCAAGTCTGCAGGGCCAGGCCAGTGTGTGCAGCTG  
 CTGCTAGCAGCTGGTCCAGGTGGACGCACGCAACATTGACGGCAGCACCCCTCTTTGTGATGCCTGTG  
 CCTCAGGCAGCATTGAGTGTGTGAAGCTCTTGCTGTCCTATGGGGCGAAAGTCAACCCTCCTTTGTACAC  
 AGCATCCCCGCTACACGAGGCCTGCATGAGTGGGAGTTCTGAATGCGTGAGGCTTCTTATTGATGTTGGG  
 GCCAACCTGGAAGCCACGATTGCCATTTTGGGACGCCTTACATGTTGCCTGTGCCCGGGAGCATTG  
 ACTGTGTCAAAGTGTGCTCAATGCAGGGGCAATGTGAACGCAGCCAACTTCATGAGACTGCGCTTCA  
 TCATGCAGCCAAGGTAAGAAGCCTTACCTCATCGAGATGCTCATAGAGTTTGGAGGCAACATCTATGCC  
 CGGGACAACCGGGCAAGAAGCCCTCGGACTACACGTGGAGCAGCAGCGCCCGGCAAGTGTCTTGAGT  
 ACTATGAAAAGACACCTTTAGCCTCTCCAGCTCTGCAGGTGAGCCTGAGGAAGGCCACCGGTGTCGG  
 AGGACTAGAGAAAAGTCCCAAGTTGAACATCCCTCCCCGGCTCATCGACTACCTTTCCTACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203738 protein sequence  
 Red=Cloning site Green=Tags(s)

MEPRAGDGCFLGDVGFWVERTPVEAAQRGESLQLQQLIDSGACVNQVTVDSTITPLHAASLQGQAQCVQL  
 LLAAGAQVDARNIDGSTPLCDACASGSIECVKLLL SYGAKVNPPLYTASPLHEACMSGSECVRLIDVG  
 ANLEAHDCHFGLPLHVACAREHLDCVKVLLNAGANVNAAKLHETALHHAAKVKNVDLIEMLIEFGGNIYA  
 RDNRGKKPSDYTWSSSAPAKCFEYYEKTPLSLSQLCRVSLRKATGVRGLEKVAKLNIPRLIDYLSYN

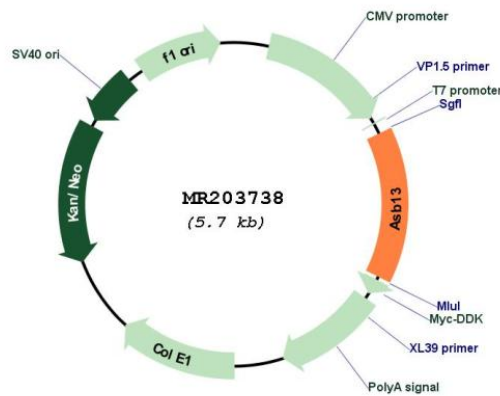
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_080857

ORF Size: 837 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_080857.2</a> , <a href="#">NP_543133.1</a>
<b>RefSeq Size:</b>	2410 bp
<b>RefSeq ORF:</b>	837 bp
<b>Locus ID:</b>	142688
<b>Cytogenetics:</b>	13 A1
<b>MW:</b>	29.9 kDa
<b>Gene Summary:</b>	May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]